

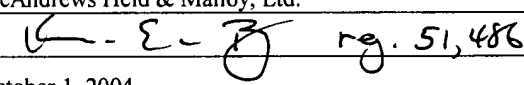
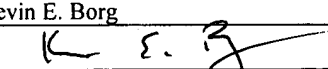
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PTO/SB/21 (08-00)

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TRANSMITTAL FORM		Application Number	
(to be used for all correspondence after initial filing)		10/736,350	
		Filing Date	
		Dec. 15, 2003	
		First Named Inventor	
		M. Afghahi	
Group Art Unit		2818	
Examiner Name		not yet assigned	
Attorney Docket Number		13309US04	
Total Number of Pages in This Submission		6	
ENCLOSURES (check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO 1449/08A with references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) ( sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	
		<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate Under 37 C.F.R. 3.73(b) (1 page) Return receipt postcard	
Remarks		The Commissioner is hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account 13-0017.	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual Name	McAndrews Held & Malloy, Ltd.		
Signature	 reg. 51,486		
Date	October 1, 2004		
CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 1, 2004			
Name (Print/type)	Kevin E. Borg	Registration No. (Attorney/Agent)	51,486
Signature		Date	October 1, 2004



## POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a corporation of California, having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-3616, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on June 25, 2004, of an invention known as **DENSE CONTENT ADDRESSABLE MEMORY CELL** (Attorney Docket No. 13309US04), which is disclosed and claimed in a patent application of the same title by the inventor **Morteza Cyrus Afghahi** (said application filed on December 15, 2003, at the U.S. Patent and Trademark Office, having Application Number 10/736,350).

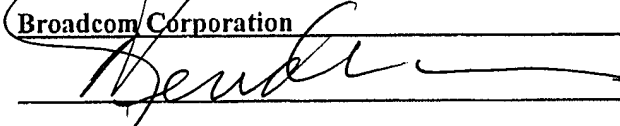
The assignee hereby appoints U.S. attorneys and/or agents at McAndrews, Held & Malloy, Ltd. (Chicago, IL), Customer No. 23,446, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

CHRISTOPHER C. WINSLADE  
MCANDREWS, HELD & MALLOY, LTD.  
500 West Madison St.  
34<sup>th</sup> Floor  
Chicago, Illinois 60661  
U.S.A.

Direct phone calls to 312-775-8000.

FOR: Broadcom Corporation  
SIGNATURE:   
BY: Dee Henderson  
Manager, Intellectual Property Portfolio  
TITLE: \_\_\_\_\_  
DATE: August 9, 2004



Certificate Under 37 C.F.R. 3.73(b)

Docket No.: 13309US04

Applicant/Patent Owner: Broadcom Corporation

Application No./Patent No.: 10/736,350

Filed/Issue Date: December 15, 2003

Entitled: DENSE CONTENT ADDRESSABLE MEMORY CELL

Broadcom Corporation, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014778, Frame 0640, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

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[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature: Dee Henderson

Name: Dee Henderson  
Manager, Intellectual Property Portfolio

Title: \_\_\_\_\_

Date: August 9, 2004



UNITED STATES DEPARTMENT OF COMMERCE  
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JUNE 25, 2004

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CHICAGO, IL 60661

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

AFGHAHI, MORTEZA CYRUS

DOC DATE: 05/15/2004

## ASSIGNEE:

BROADCOM CORPORATION  
16215 ALTON PARKWAY  
IRVINE, CALIFORNIA 92618

SERIAL NUMBER: 10736350

FILING DATE: 12/15/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: DENSE CONTENT ADDRESSABLE MEMORY CELL

014778/0640 PAGE 2

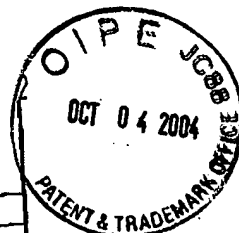
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1. Name of conveying party(ies):  
Morteza Cyrus Afghani

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: May 15, 2004

2. Name and address of receiving party(ies)

Name: Broadcom Corporation

Internal Address: \_\_\_\_\_

Street Address: 16215 Alton ParkwayCity: Irvine State: CA Zip: 92618Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
10/736,350

B. Patent No (s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Ronald E. Larson, Esq.

Internal Address: \_\_\_\_\_

Street Address: McAndrews, Held & Malloy, Ltd.500 W. Madison Street, 34<sup>th</sup> FloorCity: ChicagoState: ILZip: 606616. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) . . . . \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

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Ronald E. Larson

Name of Person Signing

Ronald E. Larson

Signature

June 25, 2004

Date

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